L Number	Hits	Search Text	DB	Time stamp
1	3	url same (denial adj service)	USPAT;	2004/04/30 11:23
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
2	35	((url (web adj address)) same ((denial adj	USPAT;	2004/04/30 11:23
		service) disclosure integrity)) and attack	EPO; JPO;	
			DERWENT;	
			IBM TDB	
3	10	((scan parse\$) adj (url (web adj	USPAT;	2004/04/30 11:23
		address))) and attack	EPO; JPO;	
			DERWENT;	
			IBM TDB	i i
4	67	((scan parse\$) same (url (web adj	USPĀT;	2004/04/30 11:23
		address))) and attack	EPO; JPO;	
			DERWENT;	
			IBM TDB	
5	10	((scan\$ parse\$) adj (url (web adj	USPAT;	2004/04/30 11:23
		address))) and attack	EPO; JPO;	
			DERWENT;	
			IBM TDB	
6	104	((scan\$ parse\$) same (url (web adj	USPAT;	2004/04/30 11:24
*	10.	address))) and attack	EPO; JPO;	
		address, , , and decas.	DERWENT;	
			IBM TDB	
7	13	((scan\$ parse\$ filter\$) same (url (web adj	USPAT;	2004/04/30 11:24
'		address))) and (denial adj service)	EPO; JPO;	
		"""   """"   """"   """"   """"   """"   """	DERWENT;	
			IBM TDB	
8	l 1	((pattern adj matc\$) same (url (web adj	USPAT;	2004/04/30 11:24
"	-	address))) and attack	EPO; JPO;	
			DERWENT;	
			IBM TDB	
9	l 0	((pattern adj matc\$) same (url (web adj	USPAT;	2004/04/30 11:24
		address))) and (attack same "")	EPO; JPO;	
			DERWENT;	
			IBM TDB	1
10	0	(url (web adj address)) and (attack same	USPAT;	2004/04/30 11:25
		"")	EPO; JPO;	
1	1	·	DERWENT;	
			IBM TDB	
11	16	(url (web adj address)) and (attack same	USPĀT;	2004/04/30 11:25
		directory)	EPO; JPO;	
			DERWENT;	
			IBM TDB	

IEEE Web Search Page 1 of 2





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Search: EIEEE Standards Websites E All IEEE Sites
for documents that
must contain in the body the words
"pattern matching"
and
must contain in the body the words
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and
must contain in the body the words
attack
dated
C Anytime
C in the last week
on or after 24 April 1990
and before 1 November 1999
and show
100 results sorted by relevance with summaries
search Help Simple Search by Inktomi

Results for: +pattern +matching, +web +address, +attack Document count: +pattern (31611) +matchir +web (593632) +address (86176) +attack (11)

4 results found, sorted by relevance

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Bulletin of the Technical Committee on September 1999 Vol. 22 No. 3 IEEE Computer Society Letters LetterfromtheEditor-in- Chief.. David Lomet 1 LetterfromtheSpecialIssue Editor.. ...

http://sites.computer.org/debull/99SEP-CD.pdf - 387.9KB - All IEEE Sites - +pattern: 5, +matching: 5, +web: 1, +address: 4, +attack: 1

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Bulletin of the Technical Committee on June 1999 Vol. 22 No. 2 IEEE Computer Society Letters LetterfromtheEditor-in-Chief.. David Lomet 1 LetterfromtheSpecialIssue Editor.. ...

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**4C-2 Internet Telephony Gateway Location** 

Internet Telephony Gateway Location Jonathan Rosenberg Bell Laboratories Abstract Although the Internet was designed to handle non-real time data traffic, it is being used ...

http://www.ieee-infocom.org/1998/papers/04c\_2.pdf - 1271.4KB - All IEEE Sites - +pattern: 1, +matching: 3, +web: 1, +address: 4, +attack: 1

#### WAX ActiveLibrary; A Tool to Manage Information Overload

1 WAX ActiveLibrary; a tool to manage information overload Rudolf Hanka, Claire O'Brien, Heather Heathfield, Iain Buchan Medical Informatics Unit, ...

 $http://csdl.computer.org/comp/proceedings/hicss/1999/0001/04/00014023.PDF-531.6KB-All~IEEE~Sites-+pattern:~1, \\ +matching:~1, +web:~1, +address:~1, +attack:~1$ 

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(Modified:7-Apr-2004)

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must contain in the body the words
URL
must contain in the body the words
dated
C Anytime
C in the last week
● on or after 24 April 1990
and before 1 November 1 1999
and show
100 results sorted by relevance with summaries
Search Help Simple

Results for: +denial +of +service, +URL

**Document count:** +denial (80) +of (27239) +service (10456) +URL (2631)

1361 VICE (10430) 1 CILL (2031

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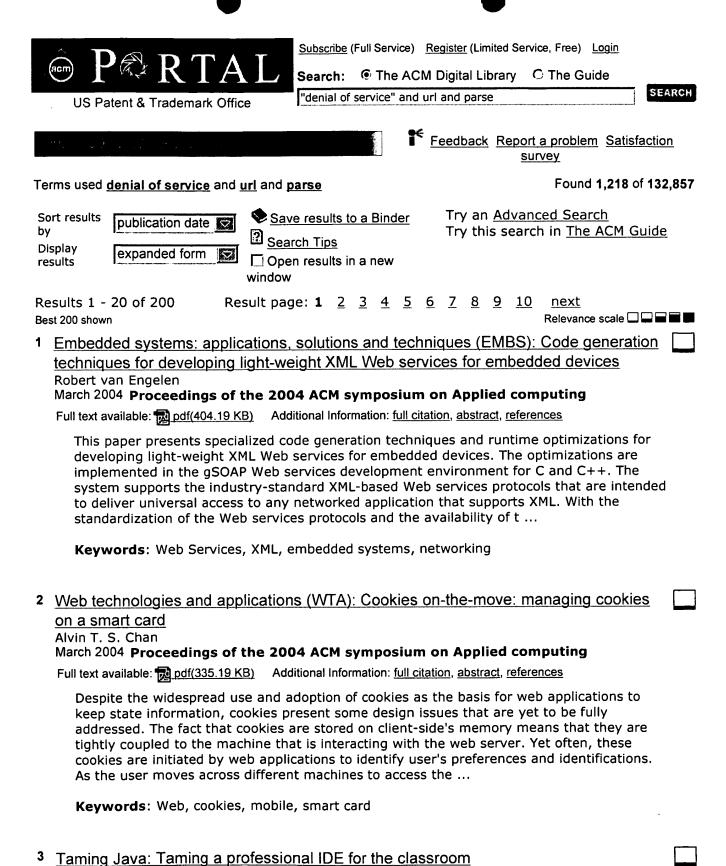
http://www.ewh.ieee.org/reg/3/e-conf/v1/master.html - 62.8KB - All IEEE Sites - +denial: 1, +of: 1, +service: 2, +URL: 1

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URL: http://odysseus.ieee.org/ieeesearch/index.html
(Modified:7-Apr-2004)

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Full text available: 🔂 pdf(268.92 KB) Additional Information: full citation, abstract, references, index terms

March 2004 Proceedings of the 35th SIGCSE technical symposium on Computer science

Charles Reis, Robert Cartwright

education

An important question that must be addressed in a coherent computing curriculum is which programming environments to use across the curriculum. For Java, currently the most widely used language in computing education, a wide variety of professional integrated development environments (IDEs) are available---including the increasingly popular, opensource Eclipse environment. Professional IDEs for Java work well in advanced courses, but they are poorly matched to introductory courses because they ...

**Keywords**: DrJava, eclipse, interactions pane, plug-in

#### Stateful distributed interposition

John Reumann, Kang G. Shin

February 2004 ACM Transactions on Computer Systems (TOCS), Volume 22 Issue 1

Full text available: 🔂 pdf(833.84 KB) Additional Information: full citation, abstract, references, index terms

Interposition-based system enhancements for multitiered servers are difficult to build because important system context is typically lost at application and machine boundaries. For example, resource quotas and user identities do not propagate easily between cooperating services that execute on different hosts or that communicate with each other via intermediary services. Application-transparent system enhancement is difficult to achieve when such context information is obscured by complex servic ...

Keywords: Distributed computing, component services, distributed context, multitiered services, operating systems, server consolidation

## 5 Using certes to infer client response time at the web server

David Olshefski, Jason Nieh, Dakshi Agrawal

February 2004 ACM Transactions on Computer Systems (TOCS), Volume 22 Issue 1

Additional Information: full citation, abstract, references, index terms Full text available: pdf(2.30 MB)

As businesses continue to grow their World Wide Web presence, it is becoming increasingly vital for them to have quantitative measures of the mean client perceived response times of their web services. We present Certes (CliEnt Response Time Estimated by the Server), an online server-based mechanism that allows web servers to estimate mean client perceived response time, as if measured at the client. Certes is based on a model of TCP that quantifies the effect that connection drops have on mean ...

**Keywords**: Web server, client perceived response time

## Papers from Hotnets-II: The dark side of the Web: an open proxy's view Vivek S. Pai, Limin Wang, KyoungSoo Park, Ruoming Pang, Larry Peterson

January 2004 ACM SIGCOMM Computer Communication Review, Volume 34 Issue 1

Full text available: pdf(102.49 KB) Additional Information: full citation, abstract, references

With the advent of large-scale, wide-area networking testbeds, researchers can deploy long-running services that interact with other resources on the Web. While such interaction can easily attract clients and traffic, our experience suggests that projects accepting outside input and interacting with outside resources must carefully consider the avenues for abuse of such services. The CoDeeN Content Distribution Network, deployed on PlanetLab, uses a network of caching Web proxy servers to intell ...

### 7 Computing theory with relevance

Wayne Brookes

January 2004 Proceedings of the sixth conference on Australian computing education -

#### Volume 30

Full text available: pdf(61.19 KB) Additional Information: full citation, abstract, references

In computer science education, the topic of computing theory is one that is commonly not well received by students. Career-oriented students often view the topic as irrelevant, and would rather learn new skills and technologies that they perceive will improve their future employment prospects. This paper outlines an approach that attempts to blend these two apparent extremes by using "popular" technologies, including XML, to motivate and illustrate concepts of computing theory in a first-year un ...

**Keywords**: XML, computer science education, computing theory

8	An efficient boosting algorithm for combining preferences Yoav Freund, Raj Iyer, Robert E. Schapire, Yoram Singer December 2003 The Journal of Machine Learning Research, Volume 4
	Full text available: pdf(392.20 KB) Additional Information: full citation, abstract
	We study the problem of learning to accurately rank a set of objects by combining a given collection of ranking or preference functions. This problem of combining preferences arises in several applications, such as that of combining the results of different search engines, or the "collaborative-filtering" problem of ranking movies for a user based on the movie rankings provided by other users. In this work, we begin by presenting a formal framework for this general problem. We then describe and
9	Document querying and transformation: Lazy XSL transformations
	Steffen Schott, Markus L. Noga November 2003 Proceedings of the 2003 ACM symposium on Document engineering
	Full text available: pdf(335.83 KB) Additional Information: full citation, abstract, references, index terms
	We introduce a lazy XSLT interpreter that provides random access to the transformation result. This allows efficient pipelining of transformation sequences. Nodes of the result tree are computed only upon initial access. As these computations have limited fan-in, sparse output coverage propagates backwards through the pipeline. In comparative measurements with traditional eager implementations, our approach is on par for complete coverage and excels as coverage becomes sparser. In contrast to eag
10	Information retievalk session 9: language models: Exploiting syntactic structure of
	queries in a language modeling approach to IR  Munirathnam Srikanth, Rohini Srihari  November 2003 Proceedings of the twelfth international conference on Information and knowledge management  Full text available: pdf(182.91 KB) Additional Information: full citation, abstract, references, index terms
	Natural Language Processing (NLP) techniques have been explored to enhance the performance of Information Retrieval (IR) methods with varied results. Most efforts in using NLP techniques have been to identify better index terms for representing documents. This use in the indexing phase of IR has implicit effect on retrieval performance. However, the explicit use of NLP techniques during the retrieval or information seeking phase has been restricted to interactive or dialogue systems. Recent adva

processing

Architecture and performance of server-directed transcoding

Keywords: information retrieval, language models, natural language processing, query

Björn Knutsson, Honghui Lu, Jeffrey Mogul, Bryan Hopkins November 2003 ACM Transactions on Internet Technology (TOIT), Volume 3 Issue 4

Full text available: pdf(927.92 KB) Additional Information: full citation, abstract, references, index terms

Proxy-based transcoding adapts Web content to be a better match for client capabilities (such as screen size and color depth) and last-hop bandwidths. Traditional transcoding breaks the end-to-end model of the Web, because the proxy does not know the semantics of the content. Server-directed transcoding preserves end-to-end semantics while supporting aggressive content transformations. We show how server-directed transcoding can be integrated into the HTTP protocol and into the implementat ...

**Keywords**: HTTP, proxy, transcode, web

## 12 Extending Java for high-level Web service construction

Aske Simon Christensen, Anders Møller, Michael I. Schwartzbach

November 2003 ACM Transactions on Programming Languages and Systems (TOPLAS), Volume 25 Issue 6

Full text available: pdf(947.02 KB) Additional Information: full citation, abstract, references, index terms

We incorporate innovations from the <bigwig> project into the Java language to provide high-level features for Web service programming. The resulting language, JWIG, contains an advanced session model and a flexible mechanism for dynamic construction of XML documents, in particular XHTML. To support program development we provide a suite of program analyses that at compile time verify for a given program that no runtime errors can occur while building documents or receiving form input, and ...

Keywords: Interactive Web services, XML, data-flow analysis

### 13 THESUS: Organizing Web document collections based on link semantics

Maria Halkidi, Benjamin Nguyen, Iraklis Varlamis, Michalis Vazirgiannis

November 2003 The VLDB Journal — The International Journal on Very Large Data Bases, Volume 12 Issue 4

Full text available: pdf(262.85 KB) Additional Information: full citation, abstract

The requirements for effective search and management of the WWW are stronger than ever. Currently Web documents are classified based on their content not taking into account the fact that these documents are connected to each other by links. We claim that a page's classification is enriched by the detection of its incoming links' semantics. This would enable effective browsing and enhance the validity of search results in the WWW context. Another aspect that is underaddressed and str ...

Keywords: Document clustering, Link analysis, Link management, Semantics, Similarity measure, World Wide Web

14 A memory-based approach to learning shallow natural language patterns Shlomo Argamon, Ido Dagan, Yuval Krymolowski

Full text available: pdf(677.22 KB) Publisher Site

Additional Information: full citation, abstract, references

Recognizing shallow linguistic patterns, such as basic syntactic relationships between words, is a common task in applied natural language and text processing. The common practice for approaching this task is by tedious manual definition of possible pattern structures, often in the form of regular expressions or finite automata. This paper presents

a novel memory-based learning method that recognizes shallow patterns in new text based on a bracketed training corpus. The training data are stored ... 15 Measuring and characterizing end-to-end Internet service performance Ludmila Cherkasova, Yun Fu, Wenting Tang, Amin Vahdat November 2003 ACM Transactions on Internet Technology (TOIT), Volume 3 Issue 4 Additional Information: full citation, abstract, references, index terms Full text available: pdf(1.46 MB) Fundamental to the design of reliable, high-performance network services is an understanding of the performance characteristics of the service as perceived by the client population as a whole. Understanding and measuring such end-to-end service performance is a challenging task. Current techniques include periodic sampling of service characteristics from strategic locations in the network and instrumenting Web pages with code that reports client-perceived latency back to a performance server. Li ... Keywords: End-to-end service performance, QoS, network packet traces, passive monitoring, reconstruction of web page composition, web site performance 16 DOS protection: Using graphic turing tests to counter automated DDoS attacks against web servers William G. Morein, Angelos Stavrou, Debra L. Cook, Angelos D. Keromytis, Vishal Misra, Dan Rubenstein October 2003 Proceedings of the 10th ACM conference on Computer and communication security Full text available: pdf(256.83 KB) Additional Information: full citation, abstract, references, index terms We present WebSOS, a novel overlay-based architecture that provides guaranteed access to a web server that is targeted by a denial of service (DoS) attack. Our approach exploits two key characteristics of the web environment: its design around a human-centric interface, and the extensibility inherent in many browsers through downloadable "applets." We guarantee access to a web server for a large number of previously unknown users, without requiring pre-existing trust relationships between ... Keywords: Java, graphic turing tests, web proxies 17 Protection in flexible operating system architectures Christophe Rippert October 2003 ACM SIGOPS Operating Systems Review, Volume 37 Issue 4 Full text available: pdf(751.23 KB) Additional Information: full citation, abstract, references This paper presents our work concerning flexibility and protection in operating system kernels. In most existing operating systems, security is enforced at the price of flexibility by imposing protection models on the system programmer when building his system. We prove that flexibility can be preserved by separating the management of the protection policy from the tools used to enforce it. We present the secure software framework we have implemented in the THINK architecture to manage ...

In 2001, Lin, Sun, and Hwang proposed a strong-password authentication protocol, OSPA, which was later found to be vulnerable to a stolen-verifier attack and a man-in-the-middle

18 Two simple attacks on Lin-Shen-Hwang's strong-password authentication protocol

October 2003 ACM SIGOPS Operating Systems Review, Volume 37 Issue 4 Full text available: pdf(290.66 KB) Additional Information: full citation, abstract, references

Wei-Chi Ku, Hao-Chuan Tsai, Shuai-Min Chen

attack. Recently, Lin, Shen, and Hwang [10] proposed an improved protocol of OSPA and showed that the improved protocol can resist the guessing attack, the replay attack, the impersonation attack, and the stolen-verifier attack. Herein, we show that their protocol is still vulnerable to a replay attack and a denial-of-se ...

Keywords: denial-of-service attack, password authentication, replay attack, stolen-verifier attack, strong password

19 Technical correspondence: XVF: C++ introspection by extensible visitation **Kurt Stephens** August 2003 ACM SIGPLAN Notices, Volume 38 Issue 8

Full text available: pdf(144.43 KB) Additional Information: full citation, abstract, references

Object serialization and object inspector user interfaces are concerns that can be orthogonally implemented using introspection via meta-object protocols (MOP). The C++ language lacks a formal meta-object protocol, although some are available as source preprocessors. A full MOP is not necessary for many classes of problems where basic introspection is useful. This paper describes a technique: extensible visitation of objects as a basic introspection primitive.

<sup>20</sup> Web: Query type classification for web document retrieval

In-Ho Kang, GilChang Kim

July 2003 Proceedings of the 26th annual international ACM SIGIR conference on Research and development in informaion retrieval

Full text available: pdf(225.50 KB) Additional Information: full citation, abstract, references, index terms

The heterogeneous Web exacerbates IR problems and short user queries make them worse. The contents of web documents are not enough to find good answer documents. Link information and URL information compensates for the insufficiencies of content information. However, static combination of multiple evidences may lower the retrieval performance. We need different strategies to find target documents according to a query type. We can classify user queries as three categories, the topic relevance tas ...

Keywords: URL information, combination of multiple evidences, link information, query classification

Results 1 - 20 of 200 Result page: 1 2 3 4 5 6 7 8 9 10 next

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rfc "pattern matching" url attack

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#### Juniper Networks :: Products :: Intrusion Detection and Prevention ...

... reduces the chance for irrelevant **pattern matching** and enables ... the HTTP User Agent header (**RFC** 2616, #14.43). HTTP-**URL** Match the signature against the unparsed ... www.netscreen.com/ servlet/print.action?page=%2Fproducts%2Fidp%2Fsecurity%2Faccuracy%2Fstateful\_signature.jsp - 17k - <u>Cached</u> - <u>Similar pages</u>

### [PDF] Anti-IDS Tools and Tactics

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#### SecurityFocus HOME Mailing List: FOCUS-IDS

... are arguably > signature based (it's all pattern matching in a ... My concern with the RFC analysis approach ... Use this URL: <a href="http://www.securityfocus.com/archive/96">http://www.securityfocus.com/archive/96</a> ... www.securityfocus.com/archive/96/ 260105/2002-03-03/2002-03-09/2 - 33k - Cached - Similar pages

## [DOC] Protecting Microsoft Internet Information Server using filtering ...

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... ACK, ACK) and other breaches of RFC 0791 (IP) and RFC 0793 (TCP ... IP address sends many requests for the same URL, or where ... Pattern matching known attack patterns. ...

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[PPT] On evaluating signature-based Intrusion Detection System for HTTP ... File Format: Microsoft Powerpoint 97 - View as HTML ... Features rules-based logging to perform content pattern matching and detect a ... URL encoding. ... Lee, "Hypertext Transfer Protocol – HTTP/1.1," RFC 2616, The ... www.csif.cs.ucdavis.edu/~pasupula/archanathesis.ppt - Similar pages

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